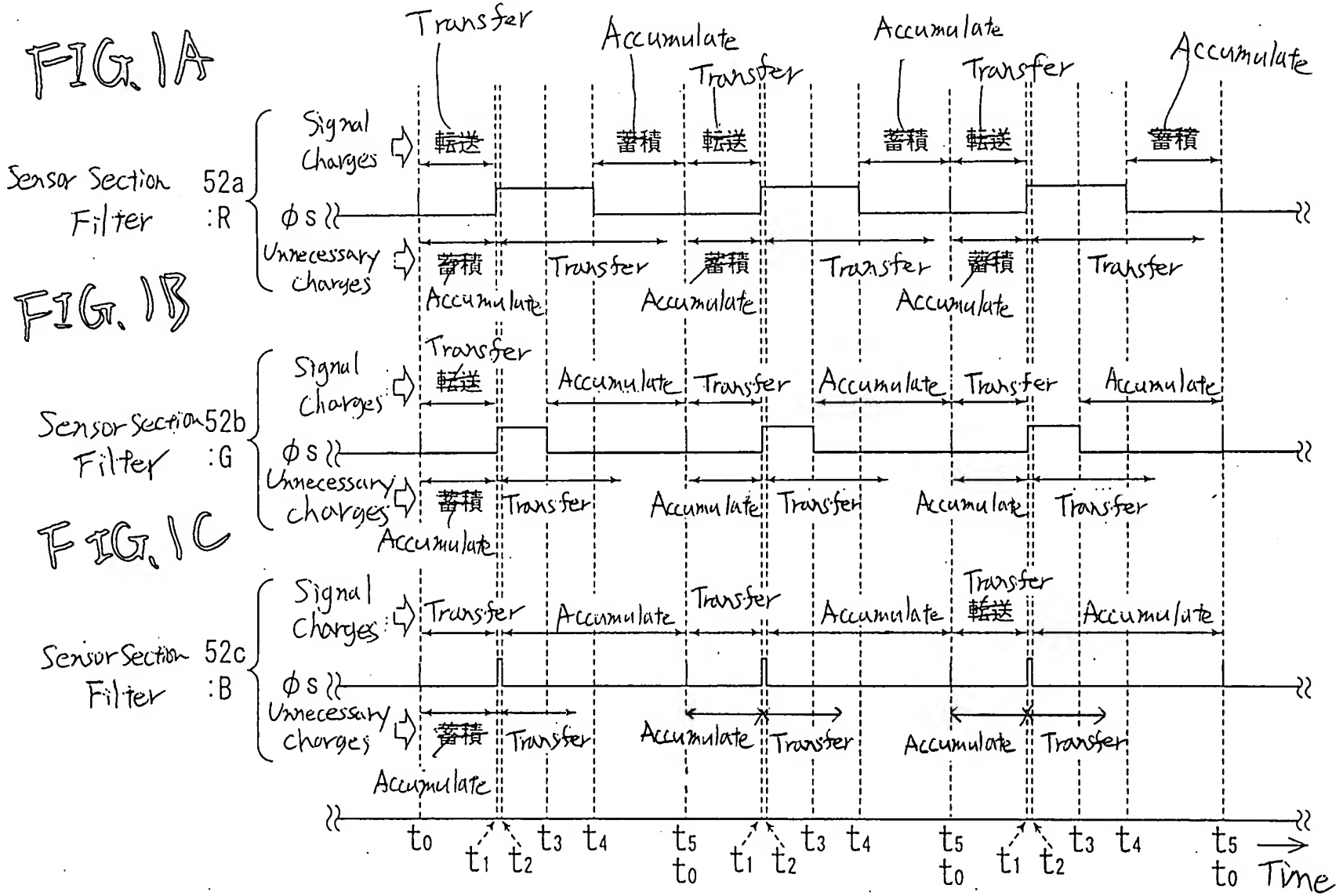
FIG. 1A

FIG. 1B

FIG. 1C



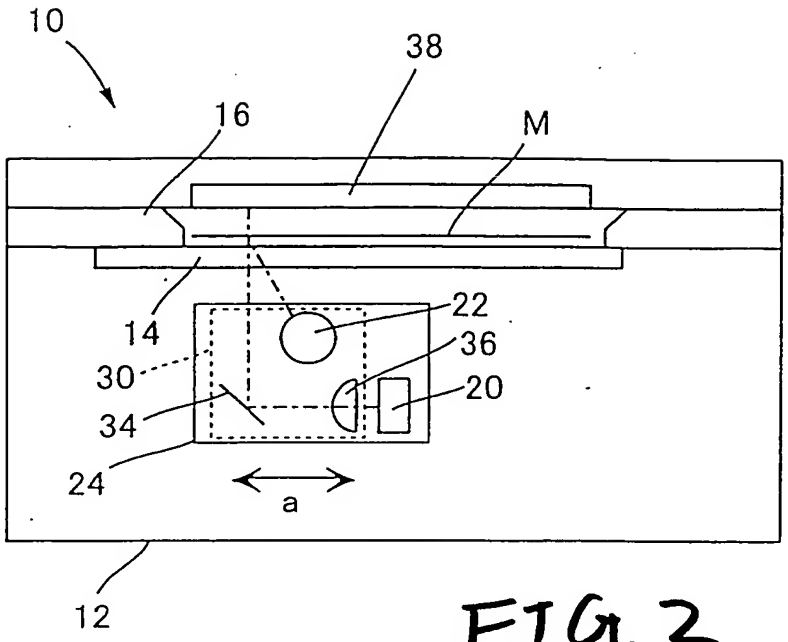


FIG. 2

20 CCD COLOR IMAGE SENSOR
26 SUBSCANNING DRIVE SECTION
30 OPTICAL SYSTEM
100 SIGNAL PROCESSING SECTION
102 MAIN SCANNING DRIVE SECTION
104 ANALOG SIGNAL PROCESSING SECTION
106 A/D CONVERTER
108 DIGITAL SIGNAL PROCESSING SECTION
110 CONTROL SECTION
150 IMAGE PROCESSING APPARATUS

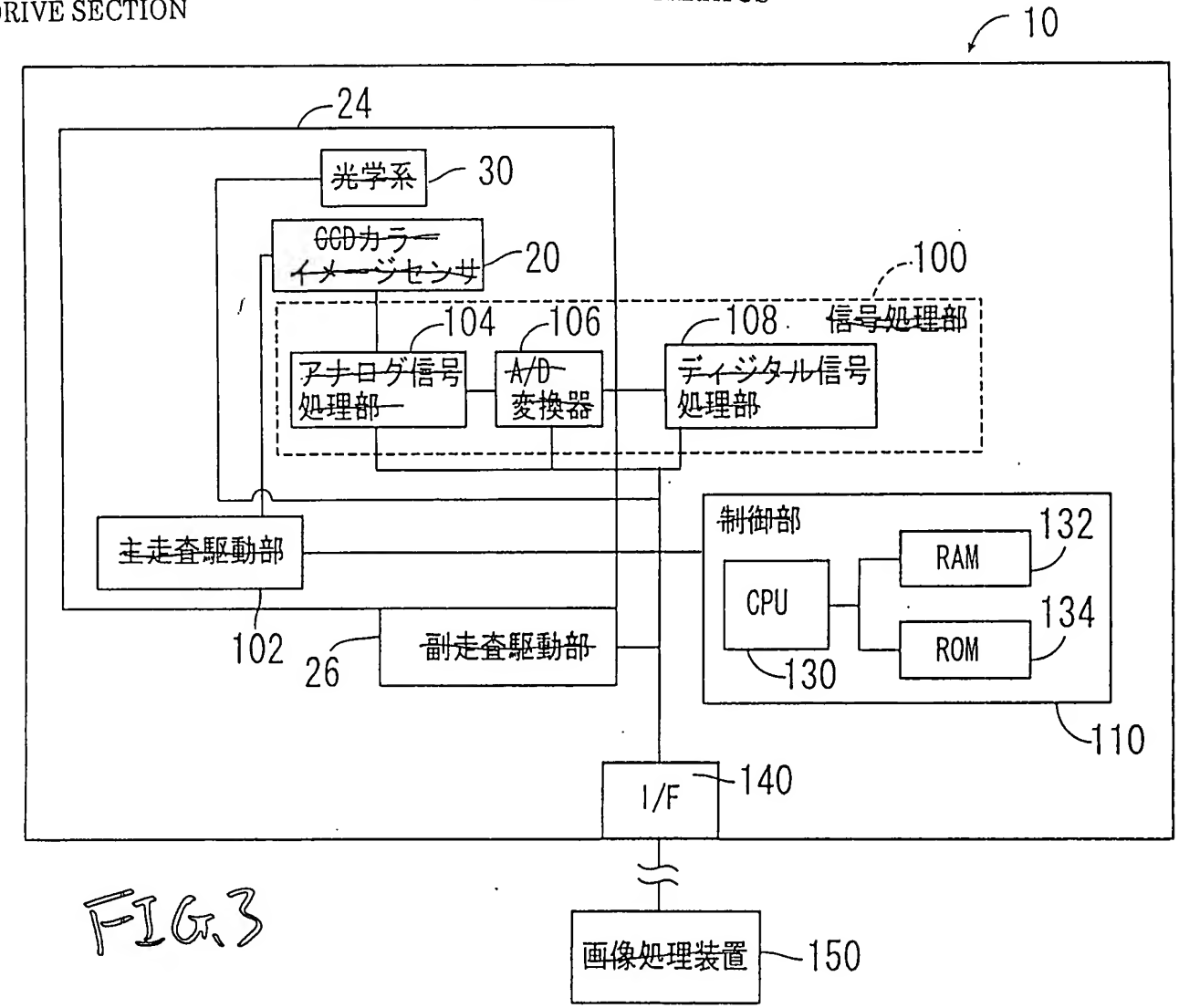
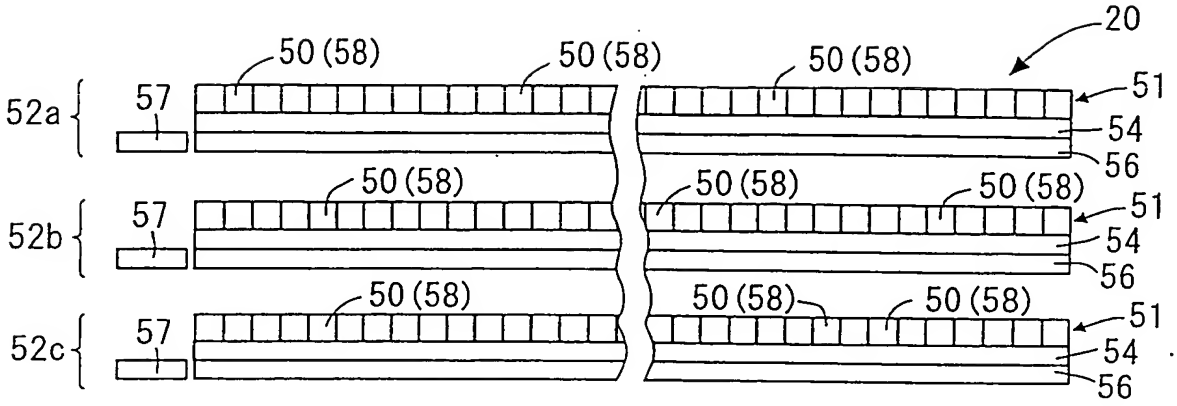


FIG. 3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50 (58)
50 (58)
50 (58)
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52a
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50 (58)
50 (58)
50 (58)
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52b
57
54
56
50 (58)
50 (58)
50 (58)
51
52c
57
54
56

FIG. 4

FIG. 5A

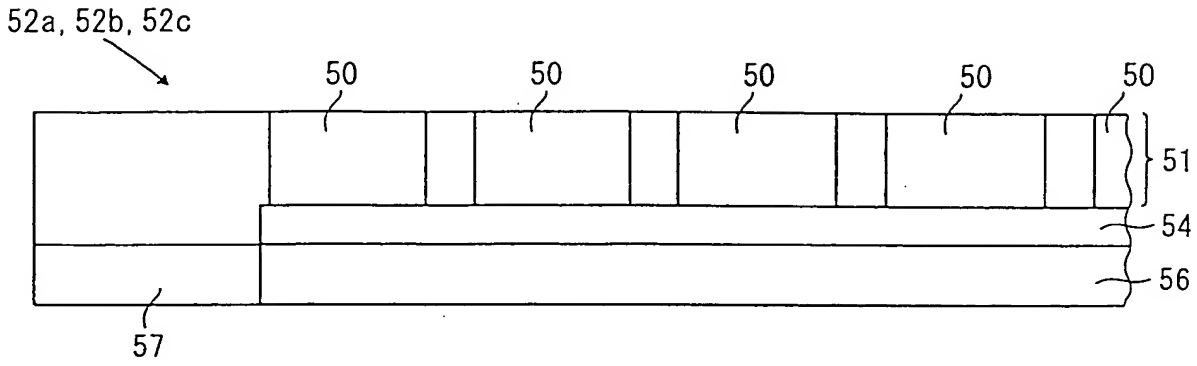
52a, 52b, 52c
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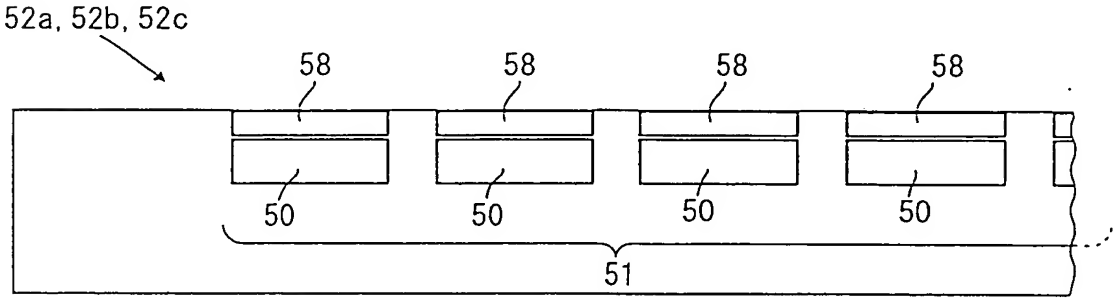
FIG. 5B


52a, 52b, 52c
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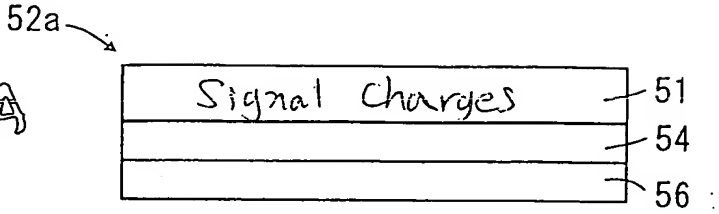
50
51

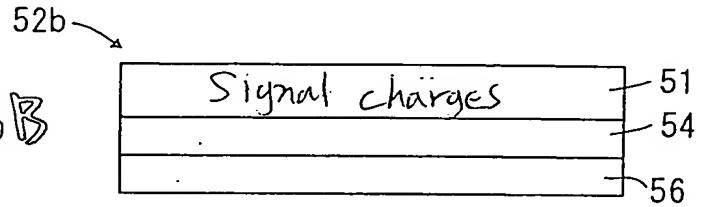
Filter :R

FIG.6A



フィルタ:G

FIG.6B



フィルタ:B

FIG.6C

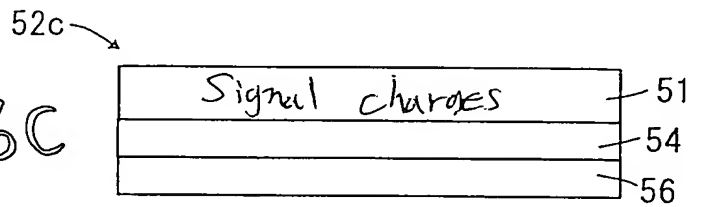


FIG.7A

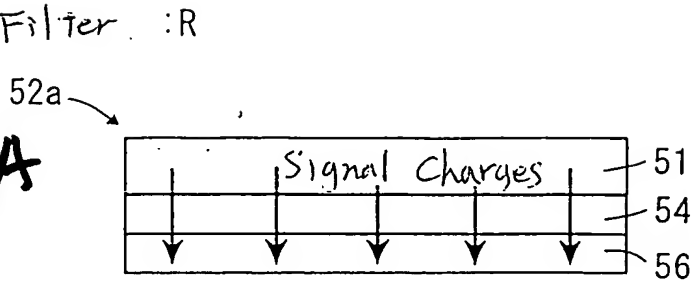


FIG.7B

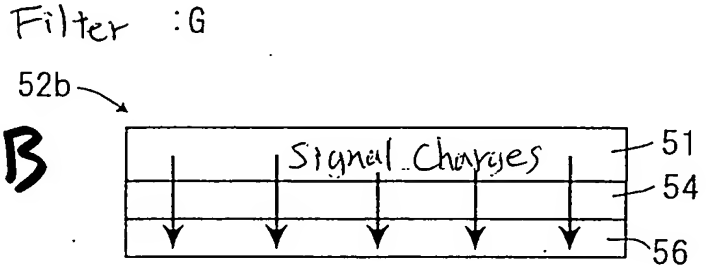


FIG.7C

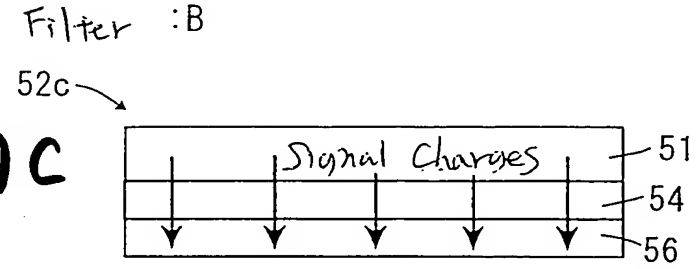


FIG.8A

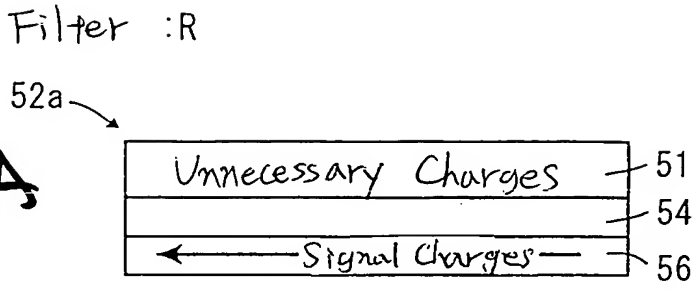


FIG8B

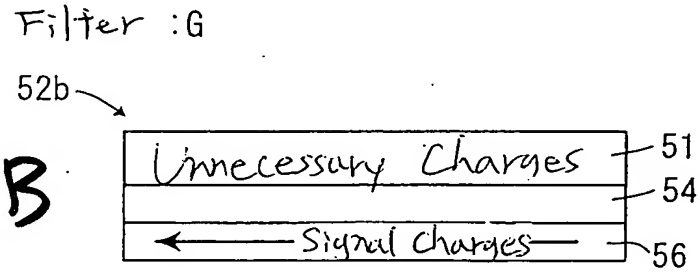


FIG8C

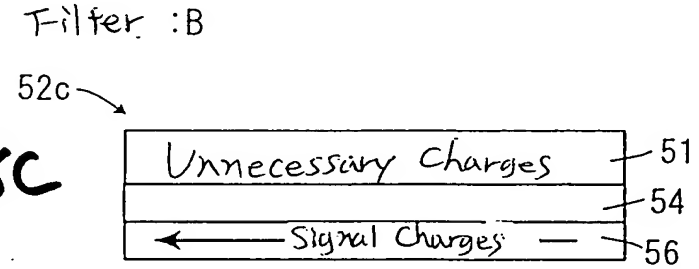


FIG.9A

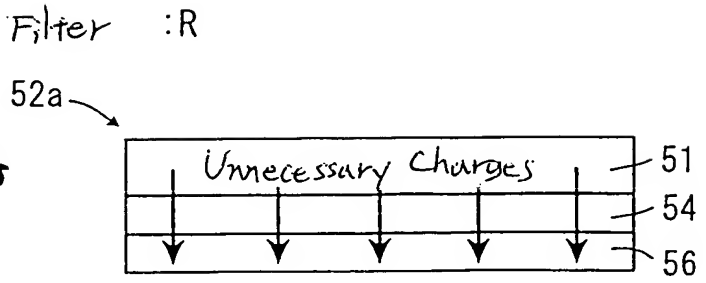


FIG.9B

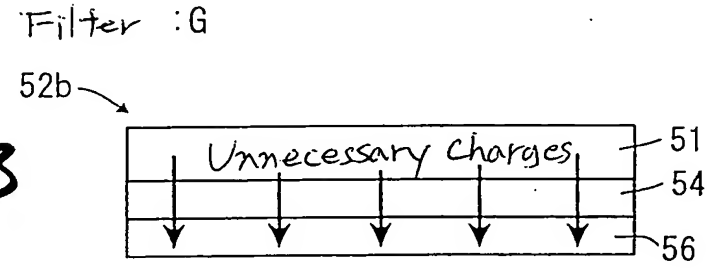
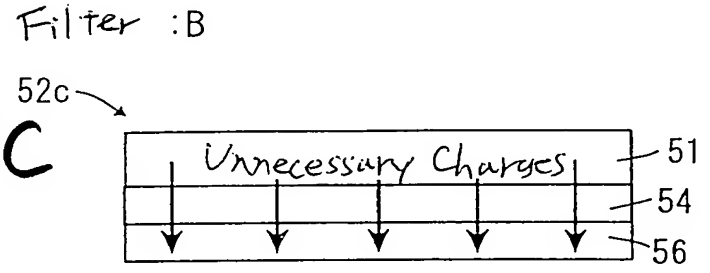


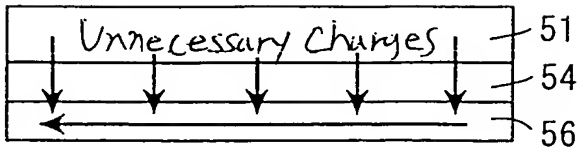
FIG.9C



Filter :R

52a

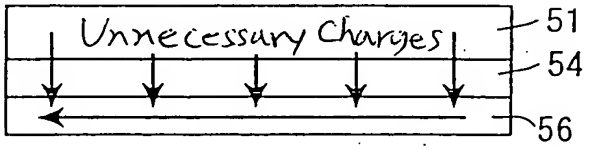
FIG.10A



Filter :G

52b

FIG.10B



Filter :B

52c

FIG.10C

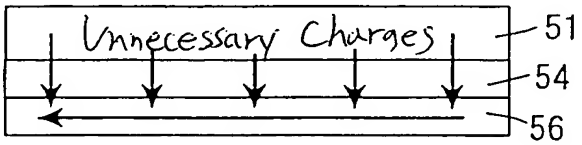


FIG. 11A

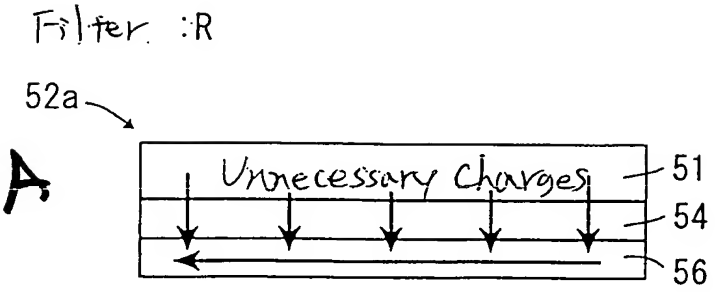


FIG. 11B

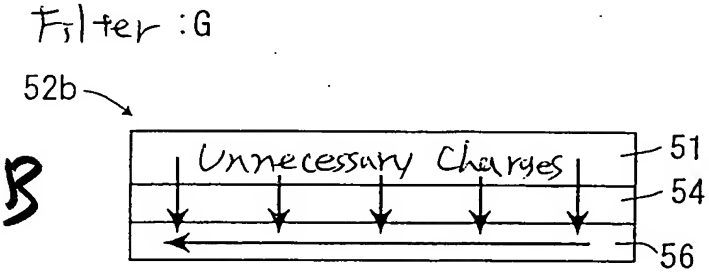


FIG. 11C

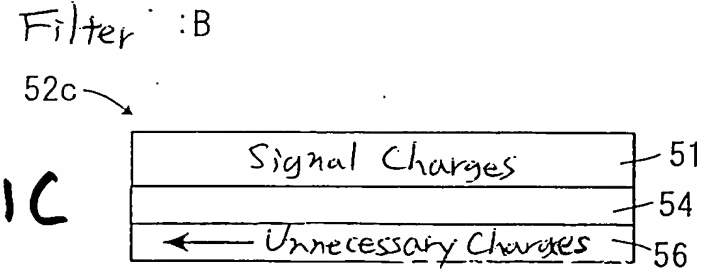


FIG.12A

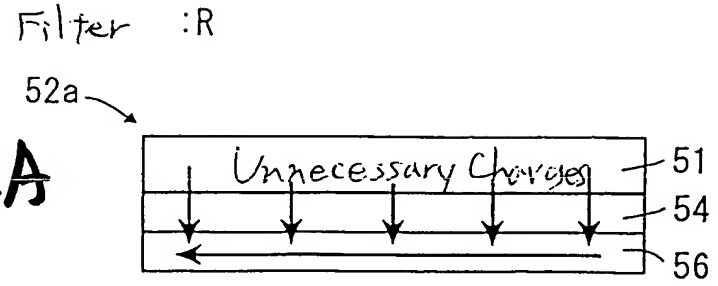


FIG.12B

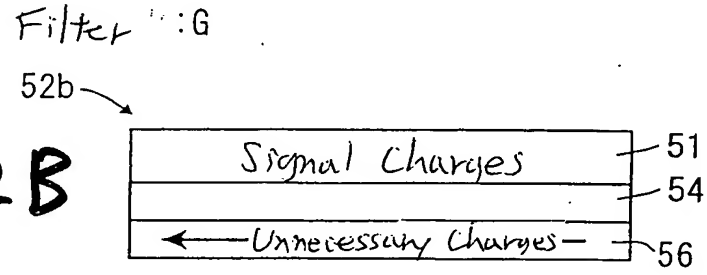
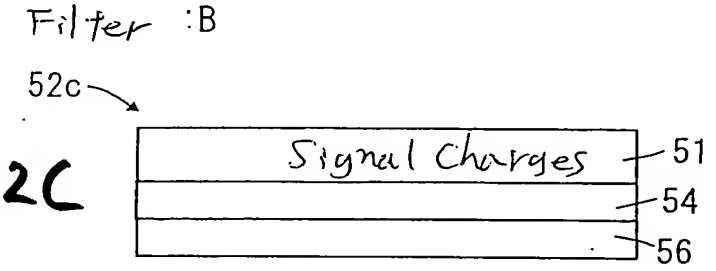


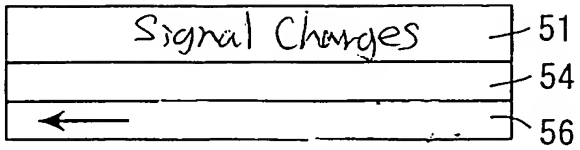
FIG.12C



Filter :R

52a

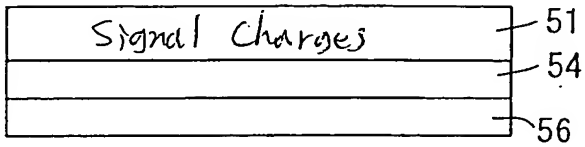
FIG. 13A



Filter :G

52b

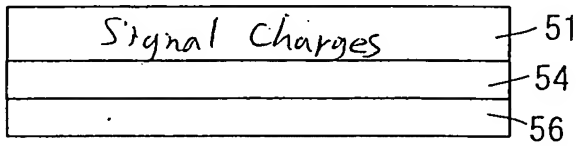
FIG. 13B



Filter :B

52c

FIG. 13C



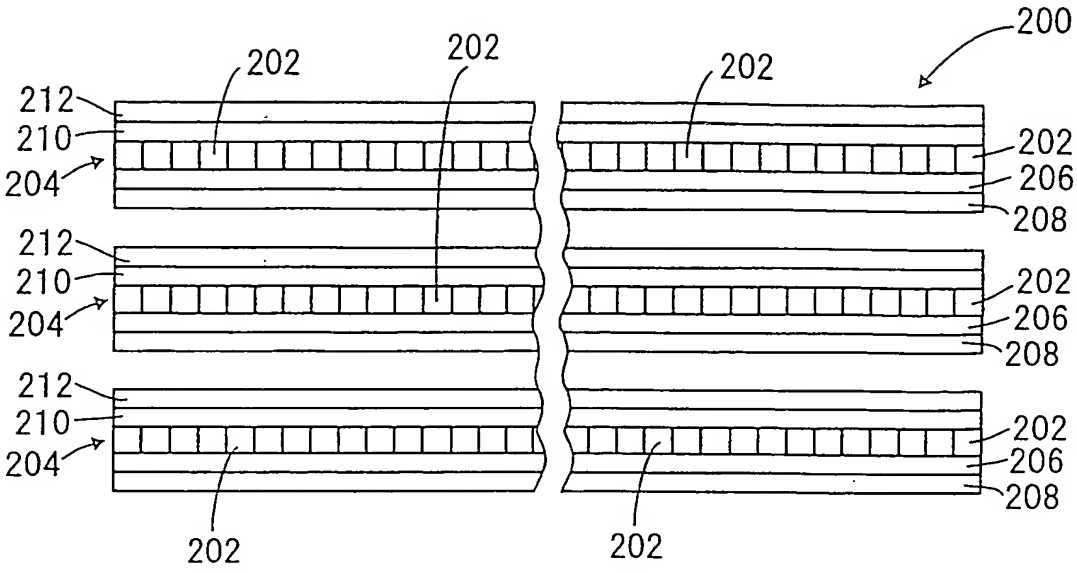

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FIG. 14